

**NOTE BY THE DIRECTOR-GENERAL****LISTS OF NEWLY VALIDATED DATA ON NON-SCHEDULED CHEMICALS  
RELEVANT TO THE CHEMICAL WEAPONS CONVENTION  
FOR APPROVAL BY THE EXECUTIVE COUNCIL FOR INCLUSION  
IN THE OPCW CENTRAL ANALYTICAL DATABASE**

1. In accordance with the decision by the Executive Council (hereinafter “the Council”) at its Fourth Session entitled “Proposed Mechanism for Updating the OPCW Central Analytical Database” (EC-IV/DEC.2, dated 5 September 1997), which was subsequently adopted by the Conference of the States Parties (hereinafter “the Conference”) at its Second Session (subparagraph 11.2(c) of C-II/8, dated 5 December 1997), the Director-General established a Validation Group to evaluate new data to be proposed for inclusion in the OPCW Central Analytical Database (OCAD). The Group met for the forty-ninth time on 17 and 18 September 2019, and for the fiftieth time via video conference on 16 September 2020, and submitted the lists of newly validated data on non-scheduled chemicals relevant to the Chemical Weapons Convention (hereinafter “the Convention”), along with their justification statements, to the Director-General for appropriate action.
2. In accordance with the aforementioned mechanism for updating the OCAD, lists of newly validated data proposed for inclusion in the OCAD are to be submitted to the members of the Council and distributed to all States Parties no later than 30 days before the opening of the Ninety-Sixth Session of the Council, during which the Council will be requested to consider the data and approve its inclusion in the OCAD. The Technical Secretariat (hereinafter “the Secretariat”) hereby submits to the members of the Council and distributes to all States Parties the lists of newly validated analytical data on non-scheduled chemicals relevant to the Convention, which are proposed for inclusion in the OCAD (see the Annex to this Note).
3. The use of data on non-scheduled chemicals relevant to the Convention during inspections is subject to the inspected State Party’s agreement, in accordance with the decision of the Council at its Eighty-Sixth Session (EC-86/DEC.10, dated 13 October 2017) and of the Conference at its First Session (C-I/DEC.64, dated 22 May 1997 and Corr.1, dated 13 October 1997).
4. The Verification Division will, upon request, make available to States Parties copies of the newly validated tandem mass spectrometry (MS/MS) and gas chromatography (retention index) (GC(RI)) data listed in the Annex hereto. In accordance with the mechanism referred to in paragraph 1 above, any State Party that has concerns about the proposed inclusion of any of this data in the OCAD should make them known to the Secretariat before the Ninety-Sixth Session of the Council.



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Annex (English only): Lists of Newly Validated Data on Non-Scheduled Chemicals  
Relevant to the Chemical Weapons Convention

## Annex

**LISTS OF NEWLY VALIDATED DATA ON NON-SCHEDULED CHEMICALS  
RELEVANT TO THE CHEMICAL WEAPONS CONVENTION**

**TABLE 1: LIST OF APPROVED MS/MS DATA ON NON-SCHEDULED  
CHEMICALS RELEVANT TO THE CONVENTION**

<b>OPCW Code</b>	<b>Chemical Name</b>	<b>Schedule</b>	<b>Justification<sup>1</sup></b>
02-5-0121	Bis(2-N,N-diisopropylaminoethyl)sulfide	NS	Potential reaction by-product of 1.A.03
02-5-0122	Bis(2-N,N-diisopropylaminoethyl)sulfide	NS	
02-5-0123	Bis(2-N,N-diisopropylaminoethyl)sulfide	NS	
18-5-0097	2-(N,N-Dimethylamino)ethanol	NS	Potential reaction by-product of 1.A.03
18-5-0098	2-(N,N-Dimethylamino)ethanol	NS	
18-5-0099	2-(N,N-Dimethylamino)ethanol	NS	
18-5-0100	2-(N,N-Diethylamino)ethanol	NS	Potential reaction by-product of 1.A.03
18-5-0101	2-(N,N-Diethylamino)ethanol	NS	
18-5-0102	2-(N,N-Diethylamino)ethanol	NS	
18-5-0175	1,4-Oxathiane	NS	Potential reaction by-product of 1.A.04
18-5-0176	1,4-Oxathiane	NS	
18-5-0177	1,4-Oxathiane	NS	

<sup>1</sup> A classification, as used for non-scheduled GC/MS data used for on-site analysis, is not necessary for MS/MS data, as it is only used by off-site laboratories.

**TABLE 2: LIST OF APPROVED GC(RI) DATA ON NON-SCHEDULED CHEMICALS RELEVANT TO THE CONVENTION**

Note: Under the "Column" heading for GC(RI) data, a "1" means an HP5 or an SE54 column and a "2" means a DB-5MS column.

OPCW Code	Chemical Name	Schedule	Column	RI(a)	Justification	Classification
08-4-0067	Dimethyl trimethylsilyl phosphate	NS	2	1081	Derivatised potential reaction by-product of 1.A.01	NDP(1A01)*
16-4-0051	Bis(2-chloroethyl)sulfone	NS	2	1425	Potential reaction by-product/degradation product of 1.A.04	NDP(1A04)†
16-4-0052	Bis(2-chloroethyl)sulfoxide	NS	2	1446		
24-4-0005r	Bis(2-N,N-dimethylaminoethyl)sulfide	NS	2	1295	Potential reaction by-product of 1.A.03	NDP(1A03)‡

\*Non-scheduled degradation products and/or known synthesis impurities or by-products related to schedule 1.A.01.

†Non-scheduled degradation products and/or known synthesis impurities or by-products related to schedule 1.A.04.

‡Non-scheduled degradation products and/or known synthesis impurities or by-products related to schedule 1.A.03.

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